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3	UNITED STATES DEPARTMENT OF ENERGY
4	UNITED STATES DEPARTMENT OF ENERGY
5	ROCKY FLATS PUBLIC COMMENT MEETING
6	Interim Remedial Action at OU4
7	Solar Evaporation Ponds
8	
9	OCTOBER 30, 1991
10	WESTMINSTER RECREATION CENTER
11	10455 SHERIDAN BOULEVARD
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16	WENDY GREEN - Moderator
17	PANEL
18	ARTURO DURAN, Environmental Protection Agency
19	BRENT LEWIS, Department of Energy NOREEN MATSUURA, Colorado Department of Health
20	RANDY OGG, EG&G
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1	SPEAKERS	
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1	PROCEEDINGS
2	7:10 p.m.
3	MS. WENDY GREEN: I'd like to take this oppor-
4	tunity to welcome you on behalf of the U.S. Department of
5	Energy. Tonight's meeting is officially designated as a
6	hearing for receiving comments from the public regarding the
7	Department of Energy's Proposed Interim Measure/Interim
8	Remedial Action Decision Document for the Operable Unit #4
9	Solar Evaporation Ponds at the Rocky Flats Plant.
10	This meeting is being held on the 30th day of
11	October, 1991, in the Westminster Recreation Center located
12	at 10455 Sheridan Boulevard in Westminster, Colorado. We
13	are commencing at 7:10 p.m.
14	My name is Wendy Green and I'm the Meeting Officer
15	for tonight's public hearing. I work for the Center for
16	Public-Private Sector Cooperation at the Center for the
17	Improvement of Public Management, both of which are affil-
18	iated with the Graduate School of Public Affairs at the
19	University of Colorado at Denver. In addition to technical
20	facilitation duties like I am performing this evening, my
21	work with the Center includes the direction of several man-
22	agement development programs for public sector managers and
23	research and public policy.
24	I've been asked by the Department of Energy to
25	conduct this public hearing as an independent, unbiased, and

- 1 neutral moderator. What that means is that I'm not an
- 2 advocate for or against any party, nor am I an advocate for
- 3 or against any position taken by any party during tonight's
- 4 hearing. It's my job to insure that any interested indi-
- 5 viduals and organizations have the opportunity to comment on
- 6 the Department of Energy's Proposed Interim Measure/Interim
- 7 Remedial Action Decision Document for the Operable Unit #4
- 8 Solar Evaporation Ponds at Rocky Flats Plant. That document
- 9 describes the proposed approach for storing and treating the
- 10 water in the solar ponds and the contaminated groundwater
- 11 that's collected in the French drain system on the operable
- 12 unit. The document supports the Resource, Conservation, and
- 13 Recovery Act partial closure activities at the site in
- 14 accordance with the agreement and principle signed by the
- 15 State of Colorado and the U.S. Department of Energy. Copies
- 16 of the document are available for public review at several
- 17 information repositories listed on a fax sheet that you can
- 18 get at the registration table. Your comments on the Depart-
- 19 ment of Energy's Proposed Interim Measure/Interim Remedial
- 20 Action Decision Document for the Operable Unit #4 Solar
- 21 Evaporation Ponds at the Rocky Flats Plant will be useful to
- 22 the Department of Energy in the preparation of the final
- 23 document.
- In a few minutes, I'm going to go over the proce-
- 25 dures that we'll follow for anybody that would like to make

- 1 comments this evening. But, before I do that, I'd like to
- 2 introduce the individuals who are serving on the panel that
- 3 are taking comments this evening.
- 4 On the far end of the panel is Randy Ogg who is
- 5 with EG&G Rocky Flats. Next to him is Brent Lewis who is
- 6 from the Department of Energy's Rocky Flats Field Office.
- 7 The third person on the table is Arturo Duran who is with
- 8 the U.S. Environmental Protection Agency. And, the person
- 9 closest to me is Noreen Matsuura who is with the Colorado
- 10 Department of Health.
- Before we go any further, Mr. Ogg has a brief
- 12 presentation to make on the Proposed Interim Measure/Interim
- 13 Remedial Action Decision Document.
- MR. OGG: Again, my name is Randy Ogg. I work for EG&G
- 15 Rocky Flats. I've been employed with EG&G for approximately
- 16 a year and a half now.
- Just a little bit of history in terms of the
- 18 IM/IRA, on October 17 of this year, DOE Rocky Flats Office,
- 19 the Colorado Department of Health, and the Environmental
- 20 Protection Agency conducted a quarterly environmental rest-
- 21 oration public meeting. One of the topics at that meeting
- 22 was the Proposed Interim Measure/Interim Remedial Action
- 23 Decision Document for the Solar Evaporation Ponds at Oper-
- 24 able Unit #4. One thing I'd like to emphasize is that this
- 25 IM/IRA Decision Document was strictly a function of support-

- 1 ing the RCRA partial closure activities and is very much
- 2 independent of the IM/IRA with respect to the IAG scheduled
- 3 in April of 1994.
- A scenario view of the solar ponds. Primarily,
- 5 the solar ponds were constructed in 1952 basically to store
- 6 and treat low-level radioactive wastes, nitrates, treated
- 7 acidic solutions, and other miscellaneous types of waste
- 8 produced during productions at Rocky Flats. This is Pond
- 9 207C, Pond 207A, and these are the B series ponds, B North,
- 10 Center, and South. Again, the solar evaporation pond area
- 11 began operations in 1952 with the construction of the orig-
- 12 inal two impoundments which were located in this area right
- 13 there. In 1983, all process waste generated at Rocky Flats
- 14 was discontinued for storage and treatment at the solar
- 15 ponds. However, the B series ponds, specifically 207B North
- 16 and Center, are currently being used to store and treat
- 17 contaminated groundwater that's intercepted in a system we
- 18 call the interceptor trench system located just north of the
- 19 ponds in this area right here.
- The regulatory drivers associated with the IM/IRA
- 21 for OU4 include the agreement and principle which was signed
- 22 by DOE and the State of Colorado in June of 1989. And, in
- 23 essence, the agreement and principle requires the source
- 24 removal or dewatering of the ponds and removal of the sludge
- 25 and transformation of that material to a solid form, specif-

- 1 ically pondcrete.
- 2 An additional regulatory driver is the interagency
- 3 agreement which was signed by EPA, DOE, and CDH in January
- 4 of this year and the IAG requires that we implement the
- 5 Phase 1 RCRA facility investigation, remedial investigation,
- 6 and work plan in February of 1992. The work plan is pri-
- 7 marily a function of characterizing the source and soil at
- 8 this particular operable unit. And, in addition, the U.S.
- 9 EPA and CDH also is requiring us to develop and implement an
- 10 IM/IRA for these activities.
- 11 OU4 specific criteria for the IM/IRA is basically
- 12 the document is a means of presenting a system of storing
- 13 and treating contaminated groundwater emanating from the
- 14 solar evaporation ponds area. The IM/IRA components are
- 15 expected to be utilized for approximately five to seven
- 16 years and also the IM/IRA components may be used for the
- 17 interagency agreement IM/IRA scheduled again for April of
- 18 1994.
- 19 This is an aerial view of Rocky Flats looking to
- 20 the northwest. What I would like to sort of get across to
- 21 you here is give you a perspective of where the solar ponds
- 22 are located with respect to the plant. Here's the solar
- 23 ponds right here. And, the solar ponds are located in what
- 24 we call a protected area which is the main secured area for
- 25 the Rocky Flats Plant.

- 1 Another aerial view of the ponds. Again, this is
- 2 Pond 207C, 207A, and the B series ponds. You're looking to
- 3 the south here. Some physical parameters, the total
- 4 capacity of the solar ponds is approximately 10.7 million
- 5 gallons and the size is approximately 5.4 acres.
- 6 This is a slide depicting the groundwater plume
- 7 emanating from the solar ponds area. In general, ground-
- 8 water flows from the west to the east. This is North
- 9 Walnut Creek right in here. The main types of constituents
- 10 associated with the groundwater contamination are nitrates,
- 11 metals, and radionuclides.
- I hope everybody can see this slide okay because
- 13 what I'm trying to show here is the interceptor trench
- 14 system. Here's the solar ponds, a schematic of the solar
- 15 ponds. This is to the north and again if you go back to
- 16 that last slide--second to the last slide, you can see that
- 17 the plume is going to the north, northeast. Again, this is
- 18 the interceptor trench system. It was primarily installed
- 19 to collect contaminated groundwater emanating from the
- 20 ponds, mainly to prevent any flow of contamination into
- 21 North Walnut Creek which is right here. The interceptor
- 22 trench system was installed in the early 70's and further
- 23 upgraded in the early 80's.
- The IM/IRA components basically consist of three
- 25 modular tanks, three flash evaporators, and associated

- 1 piping connecting those units. The modular tanks, we are
- 2 proposing to construct three 500,000 gallon modular tanks.
- 3 Two of the tanks would be operational and one tank would be
- 4 utilized as a contingency tank in the event that we exper-
- 5 ienced a leak from one of the tanks. The tank components
- 6 primarily consist of galvanized steel wall structures, two
- 7 80 mil high density polyethylene liners, high density poly-
- 8 ethylene geonets, leak detection system, a sump, and an
- 9 automatic diversion mechanism to basically divert or re-
- 10 route, if you will, water to a different facility in the
- 11 event that we reached our capacity.
- This is a photo of what a modular tank looks like.
- 13 The black material inside the tank is the high density
- 14 polyethylene, the galvanized steel wall structures, sup-
- 15 ports, et cetera. We would utilize a non-earthen base such
- 16 as asphalt or something to that effect. This tank here, I
- 17 believe, is a million gallons and, as I stated earlier, ours
- 18 would be 500,000 gallons and, as you can see, this was
- 19 rectangular in shape and ours will be circular in shape.
- This is the leak detection system that's external
- 21 to the tank. It is integrated into the secondary liner.
- 22 So, in the event that the primary liner breaches, water
- 23 would flow into a sump nearby this leak detection system and
- 24 be detected in this pipe here. It would be monitored on a
- 25 daily basis, as well.

- 1 Flash evaporators, basically they are sealed
- 2 units. No air emissions to the atmosphere, whatsoever. The
- 3 capacity of the flash evaporators, they could treat approxi-
- 4 mately 18,000 gallons of contaminated groundwater per day
- 5 and again we will have three units which calculates to about
- 6 54,000 gallons per day. They're very energy efficient. The
- 7 heat that is generated from the evaporators would be uti-
- 8 lized in the processes, as well. And, this is a picture of
- 9 what one of the flash evaporators looks like.
- 10 And, again, just to reiterate the process descrip-
- 11 tion, the contaminated groundwater is collected in the
- 12 interceptor trench system and eventually flows to the inter-
- 13 ceptor trench pump house. The water at that point is pumped
- 14 to the modular tanks. From the modular tanks, the water is
- 15 pumped to the flash evaporators for treatment. The two by-
- 16 products that we end up with is distilled water and a con-
- 17 centrate brine. The concentrate brine is further treated at
- 18 the 374 evaporator, and after that point, it is transformed
- 19 into Salt Creek.
- With respect to the IM/IRA schedule, we initiated
- 21 a public comment period on September 9 of this year and it
- 22 is scheduled to end on November 9. We will be revising the
- 23 IM/IRA document in consideration with public comments and
- 24 develop a comment responsiveness summary, hopefully, by
- 25 November 28 of 1991. That's our target date. And, we hope

- 1 to obtain EPA and CDH approval in mid-December, and assuming
- 2 this schedule, we plan on initiating operations in March of
- 3 1992.
- And, that's pretty much of a summary of what we
- 5 went through on October 17. I'm not sure who was all here
- 6 for that, but, nonetheless, that's basically an overview of
- 7 what our proposed activities are for the IM/IRA with respect
- 8 to Operable Unit #4.
- 9 MS. GREEN: Okay. Thank you, Mr. Ogg.
- A verbatim transcript of any oral comments that
- 11 are received tonight will be included in the Department of
- 12 Energy's record of these proceedings along with copies of
- 13 any written documents that are submitted. The Department of
- 14 Energy will make the transcripts available at local informa-
- 15 tion repositories as soon as possible and a list of the
- 16 locations of those reading rooms is available as a handout
- 17 at the registration table.
- You can also submit comments by mail by sending
- 19 them to Beth Brainard who is the Public Affairs Officer at
- 20 the DOE's Rocky Flats Field Office by November 9, 1991. Ms.
- 21 Brainard's address is available at the registration table.
- 22 All participants in this public hearing will be
- 23 listed in the meeting record and Sherry Thorsen who is
- 24 sitting down here in the front is a court reporter. It's
- 25 her job to transcribe verbatim the proceedings of this

- 1 meeting. Because we want to develop a complete and accurate
- 2 record of comments, when you are called upon to speak,
- 3 please step up to the podium and speak into the microphone.
- 4 And, in order to help Ms. Thorsen do her job, anybody that
- 5 would like to make comments, please start by stating your
- 6 name and address.
- 7 If you would like to make comments this evening
- 8 and have not yet registered to do so, please sign up to do
- 9 so at the registration table. When we began the meeting, no
- 10 one had signed up to speak tonight and we are, therefore,
- 11 going to go immediately into a recess unless somebody wants
- 12 to make comments. The panel has agreed to stay until 8:00
- 13 o'clock p.m. and we will wait in case somebody comes in the
- 14 interim period that would like to make comments.
- I would like to take a final opportunity to thank
- 16 you for coming this evening and we hope somebody will come
- 17 forward to make comments. So, I am correct that nobody has
- 18 signed up, is that correct? Okay. So, we will now go into
- 19 a recess and we will stay until 8:00 o'clock just in case
- 20 somebody comes and would like to make comments.
- 21 (Whereupon, at 7:30 p.m., a brief recess was taken.)
- MS. GREEN: Okay, Mr. Stone?
- 23 MR. STONE: Good evening, Wendy, members of the panel.
- 24 My name is Jim Stone. I live at 1160 Pierce Street, Apt.
- 25 316, in Lakewood. I'm a former engineer at Rocky Flats.

- 1 So, I know something about the plant. I'd like to discuss
- 2 for a minute the operation of those evaporation ponds and
- 3 ask why aren't they operating as solar evaporation ponds?
- 4 MS. MATSUURA: Well, they're leaking and they're in
- 5 closure. They're not going to--they're planning on closing
- 6 them down and they're not going to use them anymore.
- 7 MR. STONE: Would you speak into the microphone please?
- 8 I can't hear you.
- 9 MS. MATSUURA: They're planning on closing the whole--
- 10 all of the evaporation ponds because they're not being used
- 11 anymore. They're leaking into the groundwater mound under-
- 12 neath and, in order to clean that up, they have to dry out
- 13 the ponds.
- MR. STONE: It seems to me in the length of time we've
- 15 been talking about this problem and given the pan evapora-
- 16 tion in Colorado about 30 inches a year, it seems to me
- 17 they'd be dried up by now if you weren't recharging them
- 18 with continued operations.
- MR. OGG: Pond 207A is, in essence, dry.
- 20 MR. STONE: Is it?
- 21 MR. OGG: Yes, it is.
- MR. STONE: So, it's not leaking anymore?
- 23 MR. OGG: The water that is currently in Pond 207A is a
- 24 result from precipitation.
- MR. STONE: That's what I was wondering why you didn't

- 1 prevent that? You're just chasing your tail unless you stop
- 2 the source.
- 3 MR. OGG: Well, we don't look at precipitation as being
- 4 a source. We are--
- 5 MR. STONE: It's a God-given source, as far as I know.
- 6 MR. OGG: Well--
- 7 MR. STONE: And, it will conduct it on into the ground-
- 8 water if gravity prevails there like everywhere else.
- 9 MR. DURAN: Well, there are plans to cover the ponds
- 10 once they are empty to prevent additional precipitation from
- 11 gathering in the ponds.
- MR. OGG: And, basically, that's what the IM/IRA will
- 13 dictate in accordance with the IAG schedule for 1994.
- 14 That's what I discussed earlier is that will provide us with
- 15 a mechanism of doing some remediation to prevent any further
- 16 migration of contaminants from the solar ponds.
- 17 MR. STONE: But, I remember rejecting that plan in
- 18 1984.
- 19 MR. OGG: Rejecting what plan?
- MR. STONE: The plan for the pond--so-called pondcrete
- 21 concept.
- 22 MR. OGG: Yes. This IM/IRA is not directly associated
- 23 with the pondcrete operations, per se. Again, this IM/IRA
- 24 strictly a function of utilizing the modular tanks and the
- 25 flash evaporators to support RCRA partial closure activ-

- 1 ities.
- 2 MR. STONE: It just seems to me like it takes an awful
- 3 long time to get a very rudimentary problem resolved out
- 4 there and I can't understand why. Now, if you want to
- 5 continue--
- 6 MR. OGG: Well, you are correct on that.
- 7 MR. STONE: All right. I'm sure you're frustrated.
- 8 MS. GREEN: Mr. Stone, I hate to intervene. This is a
- 9 hearing, as opposed to a question and answer session.
- 10 MR. STONE: Well, this is public comment.
- 11 MS. GREEN: I'm sorry. Yeah, well, public comment, but
- 12 there's not supposed to be a dialogue. So, can you restrict
- 13 yourself to comments, please?
- 14 MR. STONE: All right.
- MS. GREEN: I'm sorry. I did not say that and I should
- 16 have.
- 17 MR. STONE: Yeah.
- 18 MS. GREEN: But, it is a public--
- 19 MR. STONE: Well, I came to learn. I didn't come to
- 20 teach. I come to--so, I've got to ask questions to some
- 21 extent.
- 22 MS. GREEN: Okay.
- 23 MR. STONE: All right. Another--I've got to ask a
- 24 question though to know how it operates because there wasn't
- 25 enough information there. We determined that one pond is

- 1 dry. Are the other two still wet?
- 2 MR. OGG: Actually, there's five impoundments, total.
- 3 Pond 207A is the largest impoundment and it is almost dry.
- 4 It was cleaned out in, I believe it was 1986 and through
- 5 1988.
- 6 MR. STONE: Well, we can assume that you're not con-
- 7 tributing to those ponds at this time?
- 8 MR. OGG: As I stated earlier, there is no more pro-
- 9 cessed waste being disposed of into the solar ponds. How-
- 10 ever, I also stated that Pond 207B North is being used to
- 11 store and treat the contaminated groundwater that's being
- 12 collected in the interceptor trench system and once we
- 13 basically get the IM/IRA approved by EPA and CDH, we will
- 14 divorce that aspect of the process from the solar ponds and
- 15 the contaminated groundwater would then be directed to the
- 16 modular tanks and subsequently to the flash evaporators for
- 17 final treatment.
- 18 MR. STONE: All right. Another thing I want to comment
- 19 on is one of the greatest God-given gifts we have in Colo-
- 20 rado is high, dry atmosphere, an abundance of sunshine ideal
- 21 for solar evaporation and here we are wasting energy with
- 22 some kind of evaporator system. That doesn't make a lot of
- 23 sense to me as an engineer especially with the so-called
- 24 energy conservation mode that DOE should be in continually.
- That's all I have. Thank you.

- 1 MS. GREEN: Thank you very much. I'm sorry, I didn't
- 2 mean to cut you off.
- 3 MR. STONE: No problem.
- 4 MS. GREEN: Okay. Anybody else want to make comments?
- 5 Okay. Mr. Korkia?
- 6 MR. KORKIA: My name is Ken Korkia. I'm with the Rocky
- 7 Flats Cleanup Commission. The address is 1738 Wynkoop,
- 8 Suite 302, Denver. Zip is 80202. We will be submitting
- 9 formal written comments from the Cleanup Commission. I do
- 10 have a draft that I'll be reading some comments now into the
- 11 record.
- 12 Perhaps what we see as the most glaring defect in
- 13 this document is that it doesn't make a distinct discussion
- 14 of the pondcrete situation at the plant and we would have
- 15 liked to have seen some data included as to exactly how much
- 16 pondcrete will be produced by this evaporation process.
- 17 And, we tried to use what information was included in the
- 18 summary and it said that there would be a 1/50 reduction
- 19 factor and that was listed on Page 3-26. We applied that to
- 20 the approximately 8 million gallons of water to be sent to
- 21 the evaporators and that would give us approximately 160,000
- 22 gallons of waste that would be generated. Then, we would
- 23 add this to the amount of residues that would be generated
- 24 from the interceptor trench system water. Then, we also
- 25 have to add that to the pondcrete that will be produced from

- the residues that are actually in the solar ponds right now.
- 2 And, so that we would like to see these figures and we would
- 3 appreciate it if they would have been included with the plan
- 4 because we still have problems with this pondcrete system.
- And, we understand that you have called in experts
- 6 through Halliburton & Associates to come in and help you
- 7 with this situation and we hope that pondcrete will be a
- 8 solution and that if it is not, then we would like to see
- 9 some other alternative and maybe a discussion of alterna-
- 10 tives. In the light of alternatives, we also understand
- 11 that there's still a problem with the Nevada Test Site as
- 12 being a receptacle for the pondcrete wastes and we were
- 13 wondering if there would be any type of an alternatives plan
- 14 for the storage of the pondcrete waste should the Nevada
- 15 Test Site not be available.
- 16 There was also not adequate reference in the plan
- 17 as to how long it will take to accomplish. And, I did see
- 18 in the presentation tonight that it would be approximately
- 19 five to seven years that this system would be operational.
- 20 One of the other things that's curious about this
- 21 is the fact that this is called an Interim Measure/Interim
- 22 Remedial Action, but then we are to distinguish it from the
- 23 interim measure that was described in the IAG, and we were
- 24 just wondering why this sort of false label was given to
- 25 this action and we would like further comment on this. The

- 1 fact that there was mention made in the plan if there would
- 2 be a no action alternative, but then nothing was said about
- 3 any other alternatives and we had assumed for an interim
- 4 measure for any type of remedial action when you have these
- 5 proposals come out that there would be some mention of
- 6 alternatives. But, you do eventually mention alternatives
- 7 on Page 3-20, but you state, "In the event that specific
- 8 quality requirements are not obtained by the proposed sys-
- 9 tem, additional treatment units will be evaluated and incor-
- 10 porated into the treatment system as needed to meet or
- 11 exceed performance requirements." Well, this leads us to
- 12 believe that the alternatives may not be available at this
- 13 time and thus explaining their lack of inclusion in this
- 14 plan and we would like some clarification on that, whether
- 15 there really are alternatives to this program and, if there
- 16 are not, then it doesn't seem like it's a true interim
- 17 remedial action because these alternatives have not been
- 18 explained.
- We also have problem with the treatability studies
- 20 that were conducted on the system. The fact that they were
- 21 tested using simulated water and these tests were conducted
- 22 down at the manufacturer in Florida. And, so we were won-
- 23 dering about how exactly the simulated water was estab-
- 24 lished. And then, we saw that the only data--or the most
- 25 current data that was found in the plan was found on Table

- 1 2-1 which was the 1988 data. So, we were wondering how we
- 2 can have full confidence in this treatability system when it
- 3 was using 1988 data. We would like to have seen it done
- 4 using 1991 data. So, we will be very interested to see the
- 5 results of the treatability and performance studies that are
- 6 conducted once the system is operational at the plant site.
- 7 We also are curious about the discussion of the
- 8 risk characterization that no mention was made about the
- 9 possible public and worker exposure due to wind blown dis-
- 10 persion of sediments from the ponds once they are dry.
- 11 We've had it explained to us before that actually there is
- 12 still some moisture left in the ponds, but then we can
- 13 imagine the system as the water begins to recede, that
- 14 surely there must be some dry areas exposed on the embank-
- 15 ments and what is preventing the wind from coming up and
- 16 driving sediments into the air and dispersing them both on
- 17 the plant site to the workers and then off the plant site to
- 18 the general public? And, so we would like to see discussion
- 19 of this risk included in the plan.
- Just a minor technical point, on Page 3-2, there
- 21 was a statement made that there will be "a vapor compression
- 22 unit and three multiple effect/multiple stage flash evapora-
- 23 tors". And then, the diagram on Figure 3-1 shows that there
- 24 are three of these VC units and then three of the MMES units
- 25 and that would be one VC and one MMES acting as a pair.

- 1 And, so that's just a minor point, but it was rather con-
- 2 fusing at first because you got the impression there was one
- 3 VC unit, then there were three MMES coming off of it.
- And, as I said, we will be submitting formal
- 5 written comments, but I would like at this time to enter
- 6 these as oral. Thank you,
- 7 MS. GREEN: Thanks, Mr. Korkia.
- 8 Ronald Harlan?
- 9 MR. HARLAN: It's amazing how quick. I just got here.
- 10 I'm Ronald Harlan, a resident of Boulder County, EG&G
- 11 employee, but speaking as a private citizen. I attended the
- 12 public information meeting. I'll keep my remarks pretty
- 13 short.
- I don't see any big problems with it. I have
- 15 philosophical problems with the amount of money that's being
- 16 spent overall. The--is not only for OU4, but for all these
- 17 diversion canals and all of that. I do not believe that the
- 18 public is significantly endangered either by the off-site
- 19 releases or even by the ponds that are of concern here. I
- 20 understand that we've got a legal obligation to do something
- 21 about it. I support the work that's being done because we
- 22 have to meet the law. Other than that, I would be crying
- 23 into the wind to say that I don't necessarily agree with
- 24 Congress' attitude or EPA in all respects. I have many
- 25 philosophical differences, but overall I think you have an

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effective plan of action.
 2
              Thank you.
 3
         MS. GREEN: Thank you, Mr. Harlan.
 4
              Okay. We will now recess until 8:00 o'clock
   unless someone comes in who would like to make comment.
 5
 6
         (Whereupon, a brief recess was taken.)
7
         MS. GREEN: Okay. It is 8:00 o'clock and no one else
   has come in that would like to speak. So, I will formally
   adjourn the meeting. Thank you for coming.
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10
         (Whereupon, at 8:00 p.m., the hearing was concluded.)
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3		CERTIFICATE		
4				
5	TITLE:	UNITED STATES DEPARTMENT OF ENERGY ROCKY FLATS PUBLIC COMMENT MEETING		
6		Interim Remedial Action at OU4 Solar Evaporation Ponds		
7	DATE:	OCTOBER 30, 1991		
8	LOCATION:	WESTMINSTER, COLORADO		
9	HOCATION.	WESTINSTER, COLORISO		
10	T he	ereby certify that the proceedings herein are		
11		ly and accurately on the tapes and notes		
12	reported by me at the hearing in the above case before the			
13		Department of Energy, and that this is a true		
14		ranscript of the same.		
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16		O_1 O_2 A		
17		herry Berker- MASEN		
18		Official Reporter		
19		Federal Reporting Service, Inc. 17454 East Asbury Place		
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